

MATING ASSEMBLY FOR AN OEM DEVICE

ABSTRACT

A device to be detachably attached to a mechanical substructure includes rails on opposed sides joined at the front by a cross member. A pair of guides mounted on the substructure slidably receives and retains the rails upon attachment of the device. An alignment pin extending from a rail mates with a hole in one of the guides to insure alignment of an electrical connector of the device with an electrical connector mounted on the substructure. The cross member includes screws for securing the cross member to the substructure. A spring extending from a rail makes electrical contact with an adjacent guide and an electrostatic discharge contact plate to discharge any existing static charge.

////